

<b>IH 794: IH 43 TO LINCOLN MEMORIAL DR (MILWAUKEE COUNTY)                  CONTINUOUS (24 HOUR) 2 LANE CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

SATURDAY WESTBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR						AVERAGE SPEEDS IN MPH				
	MAIN ROUTE		SITE CAPA CITY	FLOW		AV.DEL PER VEH (MINS)	AVERAGE QUEUE (VEH)	MAIN ROUTE		SITE	
	DEMAND FLOW	PCT HEAVY		MAIN ROUTE	'DIVER TED'			WITHOUT WORK ZONE	WITH WORK ZONE		
MID-1 AM	1110	0.0	1499	1110	0	5.60	196	69.4	10.9	34.7	
1-2 AM	1003	0.0	1500	1003	0	0.30	0	69.5	51.7	41.7	
2-3 AM	690	0.0	1500	690	0	0.28	0	69.9	52.7	42.8	
3-4 AM	319	0.0	1500	319	0	0.26	0	70.2	53.8	44.2	
4-5 AM	340	0.0	1500	340	0	0.26	0	70.2	53.8	44.2	
5-6 AM	600	0.0	1500	600	0	0.28	0	70.0	53.0	43.2	
6-7 AM	1060	0.0	1499	1060	0	0.32	0	69.4	50.7	40.6	
7-8 AM	1535	0.0	1499	1535	0	0.98	18	68.8	32.4	31.6	
8-9 AM	1956	0.0	1500	1926	30	9.78+	270	68.3	7.3	30.8	
9-10 AM	2367	0.0	1500	1470	897	16.72+	423	67.8	5.4	30.8	
10-11 AM	2709	0.0	1499	1471	1238	16.84+	427	67.4	5.4	30.8	
11AM-NOON	2945	0.0	1499	1492	1453	16.97+	430	67.1	5.4	30.8	
NOON-1PM	2965	0.0	1499	1499	1467	16.98+	431	67.1	5.4	30.8	
1-2 PM	2997	0.0	1499	1500	1497	17.01+	431	67.0	5.3	30.8	
2-3 PM	3057	0.0	1499	1501	1556	17.06+	433	66.9	5.3	30.8	
3-4 PM	2753	0.0	1500	1495	1258	16.81+	426	67.3	5.4	30.8	
4-5 PM	2575	0.0	1499	1498	1077	16.71+	423	67.5	5.4	30.8	
5-6 PM	2067	0.0	1500	1500	567	16.66+	422	68.2	5.4	30.8	
6-7 PM	1936	0.0	1500	1500	436	16.65+	421	68.3	5.4	30.8	
7-8 PM	1659	0.0	1500	1500	160	16.64+	421	68.7	5.4	30.8	
8-9 PM	1773	0.0	1499	1500	273	16.64+	421	68.6	5.4	30.8	
9-10 PM	1987	0.0	1499	1500	487	16.66+	421	68.2	5.4	30.8	
10-11 PM	2134	0.0	1499	1500	634	16.66+	422	68.1	5.4	30.8	
11PM-MID	1531	0.0	1500	1451	79	16.21+	410	68.8	5.5	30.8	

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

*----- SITE BREAKDOWN DELAYS -----*	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0.0
AV BREAKDOWNS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

*----- SITE ACCIDENT DELAYS -----*	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0
AV BREAKDOWNS PER DAY	0
AV QUEUE DELAY/DAY (VEH-H)	0
AV TOTAL DELAY/DAY (VEH-H)	0

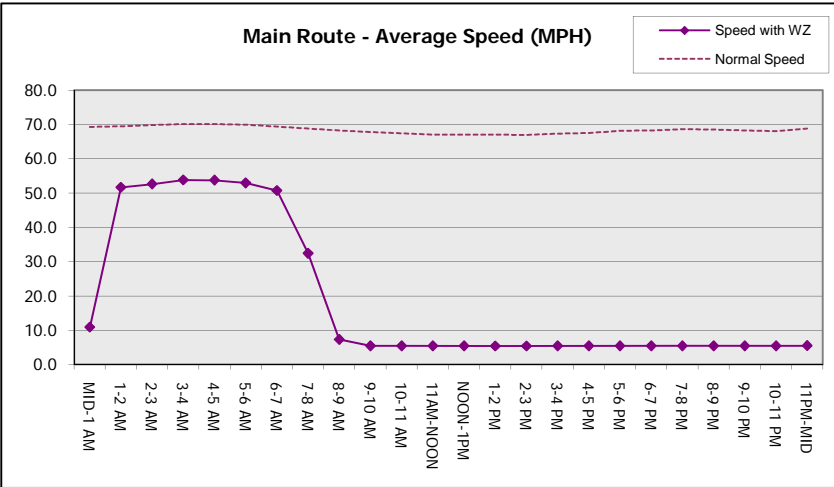
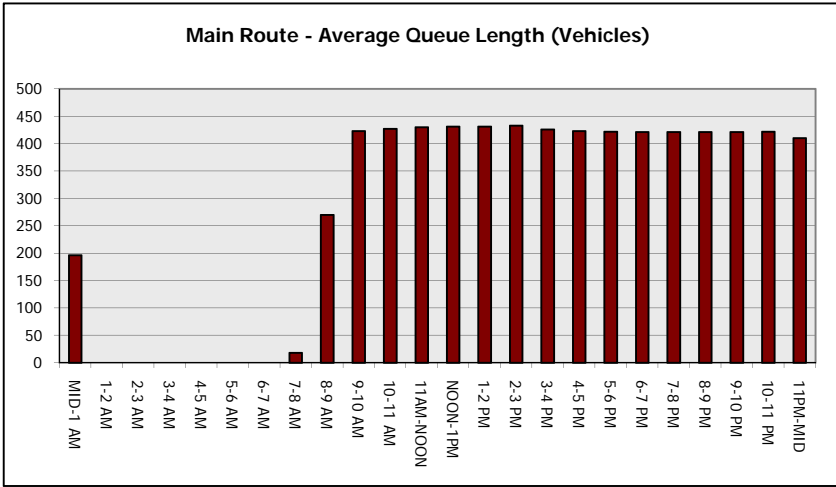
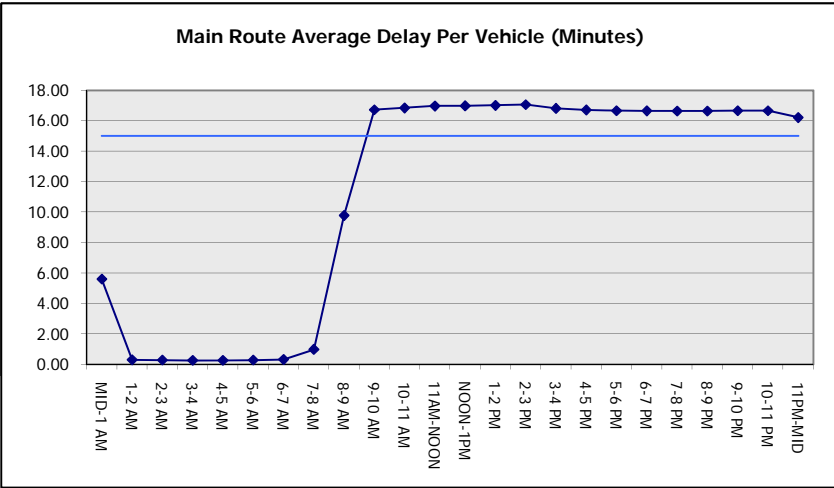
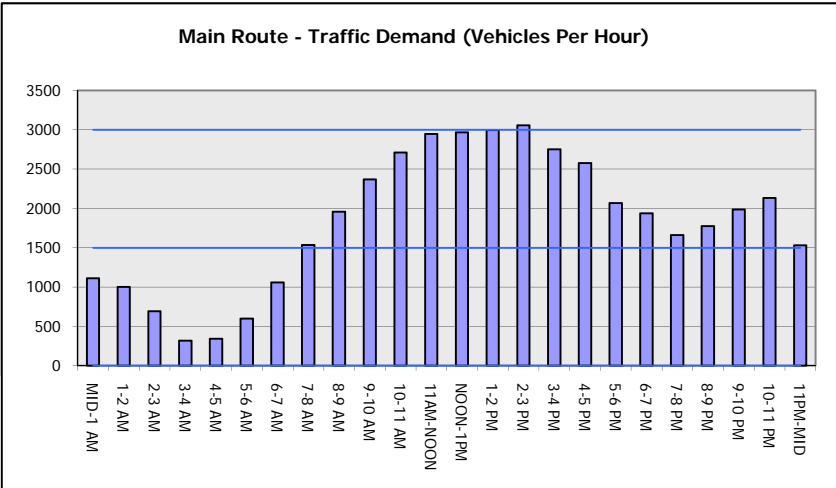
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0070
MAIN ROUTE WITH WORKS	0.0016
'DIVERSION'	0.0048
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$171,328
CONGESTED HOURS PER DAY*	16

\*Delays Exceeding User-Specified Maximum

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CONTINUOUS (24 HOUR) 2 LANE CLOSURE  
NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**MAY**  
Analyzed for 2009  
Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SATURDAY WESTBOUND DIRECTION**



<b>IH 794: IH 43 TO LINCOLN MEMORIAL DR (MILWAUKEE COUNTY)</b> <b>CONTINUOUS (24 HOUR) 2 LANE CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

SATURDAY EASTBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR							AVERAGE SPEEDS IN MPH			
	MAIN ROUTE		SITE CAPA CITY	FLOW		AV.DEL PER VEH (MINS)	AVERAGE QUEUE (VEH)	MAIN ROUTE		SITE	
	DEMAND FLOW	PCT HEAVY		MAIN ROUTE	'DIVER TED'			WITHOUT WORK ZONE	WITH WORK ZONE		
MID-1 AM	691	0.0	1500	691	0	0.74	45	69.9	38.1	42.5	
1-2 AM	418	0.0	1500	418	0	0.27	0	70.2	53.6	43.8	
2-3 AM	308	0.0	1500	308	0	0.26	0	70.2	53.9	44.3	
3-4 AM	252	0.0	1500	252	0	0.25	0	70.2	54.1	44.5	
4-5 AM	368	0.0	1500	368	0	0.26	0	70.2	53.7	44.0	
5-6 AM	699	0.0	1500	699	0	0.28	0	69.9	52.7	42.8	
6-7 AM	1074	0.0	1499	1074	0	0.32	0	69.4	50.8	40.6	
7-8 AM	1487	0.0	1499	1487	0	0.88	15	68.9	34.2	32.4	
8-9 AM	2144	0.0	1500	1799	345	11.15+	306	68.1	6.8	30.8	
9-10 AM	2371	0.0	1500	1520	851	16.74+	424	67.8	5.4	30.8	
10-11 AM	2479	0.0	1500	1517	963	16.74+	424	67.6	5.4	30.8	
11AM-NOON	2782	0.0	1500	1523	1259	16.83+	426	67.3	5.4	30.8	
NOON-1PM	2906	0.0	1500	1508	1398	16.92+	429	67.1	5.4	30.8	
1-2 PM	2919	0.0	1500	1502	1417	16.94+	429	67.1	5.4	30.8	
2-3 PM	2996	0.0	1499	1502	1494	17.01+	431	67.0	5.3	30.8	
3-4 PM	3032	0.0	1500	1501	1531	17.04+	432	66.9	5.3	30.8	
4-5 PM	3070	0.0	1500	1501	1569	17.07+	433	66.9	5.3	30.8	
5-6 PM	3374	0.0	1499	1500	1874	17.14+	435	66.6	5.3	30.8	
6-7 PM	3257	0.0	1500	1501	1756	17.14+	435	66.7	5.3	30.8	
7-8 PM	2487	0.0	1500	1496	990	16.70+	423	67.6	5.4	30.8	
8-9 PM	2294	0.0	1499	1499	795	16.67+	422	67.9	5.4	30.8	
9-10 PM	2442	0.0	1499	1499	943	16.68+	422	67.7	5.4	30.8	
10-11 PM	2015	0.0	1500	1499	515	16.66+	421	68.2	5.4	30.8	
11PM-MID	1340	0.0	1499	1325	16	14.79+	376	69.1	5.7	30.8	

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

*----- SITE BREAKDOWN DELAYS -----*	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0.0
AV BREAKDOWNS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

*----- SITE ACCIDENT DELAYS -----*	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0
AV BREAKDOWNS PER DAY	0
AV QUEUE DELAY/DAY (VEH-H)	0
AV TOTAL DELAY/DAY (VEH-H)	0

AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0075
MAIN ROUTE WITH WORKS	0.0015
'DIVERSION'	0.0065

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$191,285
CONGESTED HOURS PER DAY*	16

\*Delays Exceeding User-Specified Maximum

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**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SATURDAY EASTBOUND DIRECTION**

